

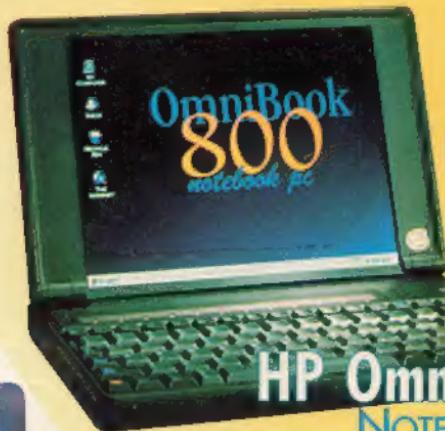
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Calculators, Palmtops and Laptops

\$2

# EduCALC

Catalog #73



**hp** HEWLETT  
PACKARD



## HP OmniGo 120

ORGANIZER PLUS

New Holographic Display

—and Quicken  
is built in!  
see page 18

HP OmniGos

**\$239**

as low as

Windows Connectivity  
for OmniGo

see page 18

## HP OmniBook 800 NOTEBOOK PC

Newest, Lightest  
with **Pentium POW**  
Easiest to Carry  
see page 22

**NEW**

HP Deskjet  
Printers  
see page 26

Windows Connectivity  
for OmniGo  
see page 18

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**EduCALC**

27983 Cabot Road  
Laguna Niguel, CA 92677 U.S.A.

Holidays, '96

Dear Reader,

I'd like a favor from you . . .

We're trying out this new all-color catalog. We've never before used color throughout, and it's a new size and shape, too—completely redesigned.

We think you'll like it better—find it easier to use and more valuable. So here's the favor I ask of you.

Please let me know what you think of this new catalog—just a word, yes/no, or perhaps your reaction and reasons, or even a full critique. Let me hear from you, please.

Sincerely,

Jim Carter,  
Manager

P.S. You may want a copy of our new HP Supplies Catalog—everything for your LaserJet, DeskJet & other inkjet printers, impact printers, plotters and data storage devices. Just ask.

# Why buy from EduCALC? 3

**Discount prices**—you'll find them here everyday, and not just for a few items on sale—plus the latest rebates

**All the accessories and extras**—useful software, helpful books, essential peripherals, extra manuals—everything

- 1. It's easy to order**—just phone, fax or mail to us, 24 hours—no driving, no parking, no walking
- 2. You'll have it quickly**—we usually ship the same day we hear from you, for next-day delivery if you want
- 3. You're sure to be satisfied**—we guarantee it, with our 30-day, no-questions warranty

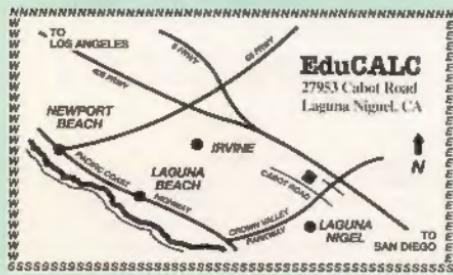
*Prices Effective  
October 20, 1995*

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Laguna Niguel, CA

Call us now—



Brent



Beckie



Jim



Beth

here's who you'll talk to . . .



Karie



Dan



Jen



Richard



Jim



Kaycee, EduCALC's  
official greeter

## HP 200LX Palmtop PC



- cc:Mail Mobile and data communication
- runs your PC programs with DOS 5.0
- 1 or 2 MB RAM PC Card slot
- Lotus 1-2-3 rev. 2.4
- 3 MB ROM
- complete organizer software

**Now with Pocket Quicken**

■ the best PDA, says *InfoWorld*

### HP 200LX—the specs

#### Software built into ROM

- Pocket Quicken • cc:Mail Mobile
- Data Communications
- Lotus 1-2-3 Release 2.4
- MS-DOS 5.0 • LapLink
- Appointment Book • Phone Book
- HP financial calculator
- Memo editor with outliner
- Notetaker • Database • Filer
- World time and Stopwatch
- Application manager
- System macros • Setup utility



#### Physical Specifications

- 16 × 8.64 × 2.54 cm (6.3 × 3.4 × 1 in)
- 312 g (11 oz) with batteries

#### Industry-standard PC Architecture and Central Processing Unit (CPU)

- IBM PC architecture
- Intel 80C186 CPU running at 7.91 MHz

#### Display

- CGA-compatible FTN liquid crystal
- 80 columns by 25 rows; 640 × 200 pixels
- Zoom feature



**HEWLETT  
PACKARD**

#### Input/Output

- Built-in 9-wire serial interface for connection to RS-232 devices
- Built-in infrared transmitter/receiver up to 115K bps for HP 200LX to HP 200LX and other wireless communication
- Built-in printer drivers supporting these serial printer types: HP LaserJet, Epson FX-80, IBM ProPrinter
- PCMCIA version 2.0, Type II plug-in card slot for running PC software and expanding I/O memory; optional HP 5 MB, 10 MB and 20 MB flash disk cards available
- Optional HP F1021B Connectivity Pack for file transfer between an HP 200LX and a DOS-compatible PC

#### Power

- Two 1.5-V AA main batteries
- One 3-V CR2032 coin cell backup battery
- Optional 1.5-V AA rechargeable batteries
- Optional adapter: HP F1011A available in worldwide configurations for powering unit and recharging NiCd batteries

Manage your world with the world's most powerful palmtop PC! Carry your critical business and personal information as easily as you carry your wallet. The software you already know comes built-in with the only pocket PC that's fully DOS compatible.

Use PC power to organize your personal and business expenses on the go. Check your calendar, or let the appointment book keep you on schedule. Graph your latest sales figures or edit a quick memo. Open built-in DOS applications with a single keystroke, or add your favorite DOS programs from your desktop PC.

Advanced communication features keep you in touch everywhere. Plug in your HP StarLink card to pick up notification of phone and fax messages from home or the office.

You'll stay in charge with the most complete personal information management software on the market.

You simply touch one of 8 special keys to access this software—then switch to another program with one key-touch. *These 8 special keys will make the HP 200LX your favorite computer at any size! at any price!*



*Stay in control of personal and business finances anywhere with Pocket Quicken. Enter transactions from checking, savings, credit card, and cash accounts using convenient on-screen forms. Keep on top of current balances and reconcile accounts with your bank statements. You can even organize expenses by category and create summaries for business reimbursements or tax records.*



It's a portable electronic mailbox. You'll keep in touch with a built-in cc:Mail Mobile for the HP 200LX. With a modem, check your cc:Mail post office and exchange messages with any cc:Mail user in the world. Handle messages with cc:Mail Remote Inbox, Outbox and Saved Message folders.

Receive news, weather, and stock reports automatically. Using HP 200LX terminal emulation, built-in data communications software, and a modem, access email and information services such as Compuserve.

With HP 200LX communications accessories, connect with devices like the Skystream wireless messaging receiver, modems, and global positioning systems.

# 123

Don't leave the office without it! Now you can download spreadsheets from the big PC to your HP 200LX. Because this is real Lotus 1-2-3. Take that sales report, budget or investment portfolio right along with you in your pocket. Update as you talk. See the results instantly. Zoom them. Show them around. Transfer them back to your PC when you are in the office again.

If you need to leave Lotus, perhaps to check your appointments or to find a phone number, just press another blue key. When you're ready to use Lotus again, touch the blue 1-2-3 key and you'll be back in your spreadsheet exactly where you left off. You can also copy part of a worksheet and move it to where ever you want it, maybe into a memo.



Sure, your HP 200LX will do the same timely chores that a Wizard or a BOSS will . . . to help you with appointments, schedules and priorities. But the HP 200LX is itself a PC, so it has a big Appointment Book program, with all the frills of an office machine plus the big memory to match.

You can set your alarms to go off, say, 15 minutes in advance. Set repeating appointments once and they'll show up as specified, weekly, monthly, or yearly.

Can't remember details from a note you saved? No problem. Enter a word or short phrase; search for it.



Your HP 200LX will have all the goodies that go with a big PC Phone Book and Database program done by Lotus, plus its giant RAM memory capacity.



You won't want to type a book into your HP 200LX—that's what desk PC's and secretaries are for. But you could edit a book on your 200, by using its Memo Editor, which is a small word-processor. Or store reference information. Or take a quick note on the spot.



Do simple arithmetic simply—either Algebraic or RPN style—you decide. Your HP 200LX will have the latest, most sophisticated Financial Calculator, one that only HP could give you. Time Value of Money answers and 'what-if' recalculations. Back-solving for any variable in your equation—and you can use this feature to compute values in worksheet cells, automatically!

Here's the quick power that touching the Filer button gets you:

- Create, rename, copy, view, and move files and directories
- RAM-disk backup
- Plug-in RAM card formatting
- DOS program execution
- Split-screen file transfer feature

That's what the 8 wonderful keys do, each by itself. But that's not all—*these applications fit together*. This means that you can jump from one to another at will, and even take data along with you. It means that you won't have to learn different schemes of commands for each piece of software, because these are *consistent*, as alike as Lotus programming could make them.

There's more powerful, built-in software, and it's easy to access with a single keystroke:

#### Notetaker

- Create, save and edit short notes
- Database of notes, indexed by title
- Title, categorize, and search capabilities

#### Database

- Create and modify database templates
- Add, delete, and edit records
- Search by field or text

#### World Time and Stopwatch

- Local and worldwide time for over 450 cities
- World map custom city list
- Timer and stopwatch

#### Setup Utility

- Display contrast, memory allocation, and beeper volume
- Printer and comm port configuration
- Battery status and NiCd recharging

#### Application Manager

- Manage all HP 200LX system applications, whether built-in, plug-in, or RAM-based
- Application key assignment, application RAM use, status, current drive, and files

## still undecided?

Let's recap the facts—this little gem has Hewlett-Packard design excellence in its logical architecture and in its calculations. It has MS-DOS, so it's fully PC-compatible. Quicken will manage your finances.

cc:Mail Mobile is built-in, so you can carry your electronic mailbox wherever you go. And it has Lotus 1-2-3 and Lotus Development's programming of its applications, so they all have similar, consistent command structures, and so you can transfer data and results back and forth between them.

- Lotus 1-2-3
- Quicken
- Phone book
- Datacomm
- Memo editor
- Filer
- Appointment book
- 1 or 2 MB RAM
- HP financial calculator
- MS-DOS 5.0
- 3.7 times faster than an XT

Is that reason enough to buy it now?

## which model fits your needs?

You get your choice of two models, the HP 200LX 1MB and the HP 200LX 2MB. There's just one difference, but it's a big one—one has 1MB of RAM memory, while the other has a full 2 Megabytes of internal RAM. Having the extra memory is like having a second card slot with a 1MB RAM card permanently installed in it (and everyone seems to want more memory).

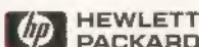
**Live technical support** is available 5 am - 5 pm (Pacific time) Monday - Friday. You pay only for the call. (970)392-1001.

**Express Exchange Coverage for 1 year**—so if your 200 fails you merely call for a replacement, which arrives next day! Then just send back the old unit (full 3-yr coverage optional, order Support Pack). Offer includes PC, Quick Start Guide, User's Guide, nameplate and alkaline batteries; 1 yr Express Exchange warranty.

#HP200LX1MB [Palmtop PC]	\$499
#HP200LX2MB [Palmtop PC]	\$679
#H5465A [3 yr HP Support Pack]	\$85

## HP 1000CX

stripped for action—  
no built-in software!



If you want a palmtop DOS PC to run your own programs ONLY, here's your hot deal!

This special model has no PIM software, no Quicken, no Lotus 1-2-3, no cc: Mail Mobile. It *does* have MS-DOS 5.0, Laplink, 1MB RAM, and a low price—in fact *the lowest price*.

#HP1000CX [Palmtop PC]	\$399
------------------------	-------

# Monster Memory

new HP 200LX

EduCALC

## internal memory upgrade

Enjoy having an added 4MB of RAM in your C-drive—for many, many resident programs (great with Software Carousel), for room to spare while running data/comm software, for the greater speed of your C-drive instead of slower flash-card memory. EduCALC 1-yr warranty (not HP).

#HP200LX5MB [Expanded Palmtop] .....\$799

#HP200LX6MB Expanded Palmtop .....\$969

#HP1000CX 5MB [Expanded Palmtop] ....\$699

Send your own 200LX to be upgraded to 5MB (some will even have 6)—we'll take about a week. 90-day warranty. Order before Dec. 31, '96 and you'll get Software Carousel and high-capacity rechargeable batteries FREE.

#3124 .....\$320

## your name engraved - free

We will personalize your name or initials free on a small plate that you can neatly adhere in a counter-sunk space on the back of your new palmtop. Just return the nameplate included with your palmtop and order Stock #95CNP. You'll be limited to 24 characters and your imagination.

#95CNP [Nameplate] .....Free

## T rade I n P rogram

### Save even more —

**TRADE IN** your used HP Palmtop. Order an HP 200LX 1MB at \$499 or an HP 200LX 2MB at \$679 before December 31, 1996 and receive a trade-in credit as follows:

\$200 credit for any HP 95LX or HP 100LX 1MB.

When you buy an HP 200LX 1 MB, you pay **ONLY \$299**\$180 credit for any HP 95LX or HP 100LX 1MB. When you buy an HP 200LX 2MB, you pay **ONLY \$499**.\$280 credit for an HP 200LX 1MB. When you buy an HP 200LX 2MB, you pay **ONLY \$399**.

Take up to 30 days to return your used palmtop. Your unit must be in working condition, with manuals, for full credit...

here's where you find . . .

accessories	8
cables / interfaces	10
wireless modems	11
peripherals	12
software	14

**Subscribe now to  
The HP Palmtop Paper  
for HP 95/100/200**

**Thaddeus Computing**



■ Be an insider ■ Be an expert ■ Be fully up-to-date

You'll find out about the hidden features of your 95/100/200—how to access secret utilities—even hidden games!

You'll have how-to tips and tricks that make your work easier—solve your problems—even give you impressive new powers!

You'll read comparative brand-by-brand surveys of the software and programming languages that work best in your 95/100/200—plus consumer's advice on peripherals like RAM cards and drives.

**BONUS Disk** . . . each year's subscription comes with a copy of the Subscriber PowerDisk loaded with the best programs, games and utilities that can be found.

(Allow 4 to 6 weeks for your subscription to start.)

#2676, 1 year to U.S. address .....\$39

#2839, 1 yr air to Canada/Mexico .....\$45

#2840, 1 yr air, foreign .....\$57

## Plug-in Flash Cards Solid State for 100/200/OmniBook

Better than a hard disk on a card—with flash memory chips and a built-in solid-state controller. It slides into the PCMCIA Type II or Type III slot of your instrument and is 100% MS-DOS compatible.

No back-up is required—this is a **back-up!** Flash memory is non-volatile so there are no batteries. This means no replacements for you. It also means **super reliability**—up to 100 years! Your flash card will be up to 20 times faster than a hard disk drive, and it will consume 100 times less power.

All flash cards come with built-in data-compression routines (Stacker LZS technology). These cards are marked for 2:1 compression ratios in our descriptions, but spreadsheet files may compress at a more than 3:1 ratio while some DOS files may have only a 1:1 ratio.

An independent magazine test showed, "Clearly, the IBM/Toshiba NAND ATA card outperformed all the other card/driver combinations."



## Plug-in SRAM Cards for Palmtop or OmniBook

- access data super fast
- store giant spreadsheets
- run huge programs

Each card has its own long-lasting battery—it can be stored or mailed without losing the data or programs you've filed on it.

These cards satisfy PCMCIA specifications—they fit in the HP 95, 100 or 200, the Sharp PC-3000 and the NEC Ultralite.

### PreMax

- |                                     |       |
|-------------------------------------|-------|
| #2987 [512K PreMax SRAM Card] ..... | \$99  |
| #2988 [1 MB PreMax SRAM Card] ..... | \$139 |
| #2989 [2 MB PreMax SRAM Card] ..... | \$229 |



## Solid State File Card for HP 200/OmniBook

#3423 [3MB/6MB Flash card] .....	\$199
#3424 [5MB/10MB Flash card] .....	\$259
#3425 [10MB/20MB Flash card] .....	\$419
#3426 [20MB/40MB Flash card] .....	\$739
#3427 [30MB/60MB Flash card] .....	\$999
#3428 [40MB/80MB Flash card] .....	\$1239



## HP HEWLETT PACKARD

#F1024A [1.8/3.6MB Flash card] .....	\$199
#F1215C [6MB/12MB Flashcard] .....	\$409
#F1013C [10MB/20MB Flashcard] .....	\$579
#F1014C [20MB/40MB Flashcard] .....	\$959

## EPSON

#2917 [2.5/5 MB compr Flash] .....	\$269
#2918 [5/10 MB compr Flash] .....	\$339
#2919 [10/20 MB compr Flash] .....	\$539
#2920 [20/40 MB compr Flash] .....	\$839

## Carrying Cases for the HP Palmtop



Look good  
being safe!

Handy outside pocket plus inside pocket for IC cards, etc. Leather model is soft and elegant; has a belt clip. Nylon model is made of washable, waterproof fabric. Both are black.

#2519 [Nylon Carry Case] List \$25 .....	\$19.95
#2520 [Leather Carry Case] List \$40 .....	\$27.95



## the Leather Desk

our best organizer for the executive's  
HP Palmtop

**EduCALC**

Sumptuous black napa leather coddles your palmtop, with extra padding for instrument protection. Software and memory cards fit into 6 slots, 2 pockets hold notes and diary. There's a compartment for important documents and a loop for your pen.

It feels soft and rich in your hand, but there's a detachable carry strap, too. Plastic tray (included) grips your computer: 8.25 x 5 x 1.75 inches outside. #2764 [HP Leather Desk] ..... \$64.95  
#LT1 [extra plastic tray] ..... \$7



## AC Adapter

for your HP Palmtop

**HEWLETT PACKARD**



## Cigarette-lighter Adapters for the HP 95/100/200 and portable printers

**EduCALC**



Our #2783 powers the HP 95/100/200 or the HP InfraRed printer. #2862 powers HP 95/100/200, IR printer, or the HP DeskJet printers.  
#2862 [Cig-lighter Adapter] List \$45 .... \$39.95  
#2783 [Cig-lighter Adapter] List \$40 .... \$34.95

## Econo Adapter for HP 100/200 only

**EduCALC**

110 volt, 60 Hz input. 90 day warranty. Recharges NiCd's in your HP 100/200.  
Stock #3045 (AC Adapter) ..... \$15.95



## Nickel Cadmium Rechargeable Batteries

The HP 200 requires 2 AA batteries, and alkaline batteries come with it. If you replace them with Ni-Cds, the HP AC Adapters (#F101HA) will act as a recharger. You'll get up to 1000 recharges on each set.  
#NAA [NiCd 0.5 AH, AA] ..... \$2.89  
#2784 [NiCd .85 AH, AA, qty 2] ..... \$6.95

## How to hook up your HP 100/200

If you're running Windows, get Intellilink (#2517A).

For DOS, all you'll need is HP's Connectivity Pack (#F1021B)—it connects to PCs, printers, modems and other peripherals. With the Connectivity Pack you'll also be able to run HP 100/200 applications, like Appointment Book, on your desktop PC.

## Infrared Connectivity Pack for HP 100/200/ OmniBook

**litelink**

*Zap: you're  
backed up—  
Zap: you're  
downloaded*

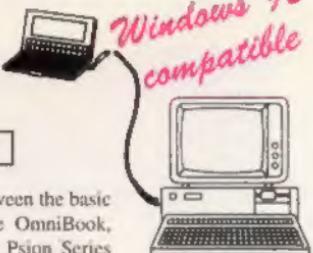
Compatible with  
#F1021B software.

#3102 [IR Connectivity Pack] List \$99.. \$89.95



## Keep your PC and palmtop in sync!

HP 95/100/  
200/Psion/  
Zaurus



**Intellilink**

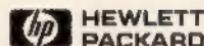
Transfers between the basic functions of the OmniBook, HP 95/100/200, Psion Series 3/3a, Sharp Zaurus, Casio Z-7000, Tandy Z-PDA, and Windows applications on the PC. Data is translated between formats and reconciled, allowing merging of new data with old. Schedule, Telephone, To-Do, and Memo are supported with the following PC applications:

ACT! for Wins 1.1B/2.0	1.x/2.0Sidekick95
ASCII (CSV) file format	IMS Schedule+
1.0/2.0CaLANDar 2.55/3.11	Commence 2.0/2.
dBASE III/IV	DaytimerOrganizer 2.0
Lotus Organizer 1.0/1.1/2.2	ECCO 1.1A/2.0/3.0
Now UpToDate for Win	Excel 5.0
Polaris PackRat 4.1/5.0	Paradox 3.5/4.0/5.0
Sidekick 2.0 for DOS	Polaris Advantage
Win Cardfile/Calendar	Sidekick for Win
WordPerfect for Win 6.0	Word for Windows 6.0

Requires serial cable and PC running Windows.  
#2517A (IntelliLink 3.4.3, 3.5") .....\$94.95

**Thanks for  
your order!**

## Connectivity Pack HP100/200 to desktop PCs



Seamlessly transfer files and worksheets directly or via modem, with a convenient split-screen filer interface. Includes desktop PC versions of most of the built-in PIM applications of the 100/ 200 (and they are fast). Also has 3 other PC programs—one merges,

synchronizes or translates Phone Book or Appointment Book files, and LapLink lets your palmtop treat the PC's drives as its own. You'll also have the ability to synchronize Pocket Quicken with desktop DOS or Windows Quicken data files.

Includes a cable and adapters to connect your HP 100/200 to a 9- or 25-pin PC serial port, a modem or a printer. PC must have 286 processor, DOS 3.31 or higher/ Windows 3.1 and EGA or better; software will run as a DOS application under Windows.

#F1021B [Conctvty Pk, 3.5"] Lst \$125..\$109.95

The following are included in Stock #F1021B  
#F1015A [48/P-top to 9-p Ser Cble, 6']....\$24.95  
#F1023A [Serial Cable Adapter Kit] .... \$24.95

## Serial Cables

**EduGALC**

- Engineers
- Instrument Makers
- Hobbyists

Connect your HP 95/100/200 to anything you want! Six foot cable has 4-line serial connector (2601) or 10-line (3003) molded onto one end, with the other end unterminated.

You can also order this cable terminated with a female 9-pin (computer RS-232) connector and built-in strain relief (#2609 and # 2793).

#2601 [Unterm Ser Cble, 95LX, 6'] .....	\$15.95
#3003 [Unterm Cable, 100/200LX, 6'] ..	\$16.95
#2609 [HP 95 to 9-pin Serial Cable, 6'].....	\$22.95
#2793 [100/200 to 9- pin Ser Cable] .....	\$22.95
#2936 [HP 10 pin RJ 45 Cable, 9'].....	\$20.95



**Battery-powered  
HP 95/100/200 to  
Parallel Printer  
Data Converter**

Greenwich  
Instruments



**Get beautiful printout—now your HP 95/100/200 can drive a portable parallel printer (such as the Canon BJ-10e Bubblejet).**

You connect this serial-to-parallel converter to any palmtop via a serial cable, and send its output to any parallel printer via a 'Centronics' 36-lead cable. Up to 250 hours on one 9v battery (not included)

#GA935 [Ser/Parallel Converter] ..... \$54.95  
#9V [Alkaline Battery] ..... \$2.80  
#F1015A [48/P-top to 9 pin Ser Cable] ...\$24.95

**PocketJet**  
**ultra-light, ultra compact 300 dpi**  
**thermal printer—**  
**the world's**  
**smallest!**



**PENTAX**

Up to 3 ppm on a nice flat thermal paper yet it's only 2 lb with battery and adapter, a tiny 10.04 x 2.16 x 1.18 inches. Recharges in 70 minutes LaserJet IIIP (PCL4) emulation, with 7 HP internal fonts plus downloadable fonts.

Everything is included parallel cable, AC adapter/charger, battery, carrying case & 100 sheets of paper, DOS utility, User's Guide, & Quick Reference Card #3294 [PocketJet] List \$449 ..... \$399.95  
#3295 [100 sheets Thermal Paper] ..... \$7.95  
#3062 [Shier HP 100/200 Serial Cable] ..... \$29.95  
#3106 [Serial Interface Cable] ..... \$24.95

**PN50 & PN60**  
**portable 360 dpi**  
**plain-paper printers**  
with color & battery options

CITIZEN



Small (10 x 2 x 1.85 inches) and light (1.1 lb. plus .4 lb optional battery). Prints 2 ppm on cut sheets, letter head, even transparencies.

You'll get about 30 text pages on a black cartridge (included) or 3.5 pages with color (optional, PN60 only). Comes with parallel cable and also accepts RS-232C serial (cable optional). Accepts TrueType and other fonts, has 5 resident fonts, 64-100K bytes compressed buffer

PN50 is black & white only. Comes with international power adapter, Windows driver, User Manual, 2-yr warranty. PN50 requires Serial/Parallel Converter  
#PN50 [PN50 Printer] List \$399 ..... \$249.95  
#PN60 [PN60 Printer] List \$399 ..... \$349.95  
#3289 [Ni-Cad Battery] ..... \$79  
#3290 [Car Adapter] ..... \$44.95  
#3061 [Shier 100/200 to PN60 Cable] ..... \$34.95  
#3292 [2 Black Cartridges] ..... \$8.95  
#3293 [2 Color Cartridges] ..... \$13.95

**Link-A-Printer**

*Brand New*

**Serial-to-parallel converter**  
for OmniGo 100,  
HP 100/200LX

Greenwich  
Instruments

Plug one end into your palmtop and the other into any parallel printer. Off/On switch, fast 9600 BAUD  
#3373 [Link-A-Printer II] List \$79 ..... \$69.95

**Connectivity Products**  
for HP 95

HEWLETT  
PACKARD

#F1015A [48/P-top to 9 pin Ser, 6'] ..... \$24.95  
#F1023A [Ser Cable Adapter Kit] ..... \$24.95  
#F1016A [Mac/Apl to 95/100 Cable] ..... \$24.95  
#F1001AS [HP 95 Con Pk, Spanish] ..... \$79.95  
#2609 [48/95 to 9-pin Ser Cable, 6'] ..... \$24.95



Palmtops - EduCALC

## R/F PalmStation Plus for HP 100/200

**EnBloc**

WIRELESS AT WORK



*free yourself from phone lines,  
external modems and  
cellular networks*

That's right! Pop your HP Palmtop into this docking station to get an instant wireless connection from virtually anywhere. Whether you're in a high-rise, a delivery truck or a city park, you'll have access to the whole world.

R/F PalmStation Plus comes complete with a wire line modem, too—just plug it into any phone jack (cable inc) and you're on the Internet. Also has RS 232 serial I/O port to connect to a computer (cable inc). Operates 10 to 12 hours on a charge, so you can work the whole day through without recharge (wall adapter and automobile adapter inc). Does not use your 100/200 card slot.

Only weighs 1.7 lb without HP Palmtop. 8 x 4.5 x 2 inches. 3W transmission, manual 1-yr warranty. Airtime Services Agreement form included in your box.

#10020A [R/F PalmStation Plus] ..... \$895

Experience the freedom and power  
of portable, wireless computing with  
**Personal Messenger**



AA MOTOROLA

**100D**  
Wireless  
Modem  
Card

Small, lightweight PCMCIA Type II format—works in most portable PCs, including HP 100/200LX, HP 600C/CT and the PTV-30.

Self-powered for stand alone operation accepts rechargeable NiCd or standard 9v batteries and can receive and store messages while not connected to computer.

Weighs only 155g (0.34 lb) with battery, 8kB RAM, 1W transmission; 1-year warranty. Airtime Services Agreement form included in your box #3422 [Wireless Modem Card] ..... \$689

**10 x 10**  
Cable  
for fast  
data transfer,  
HP 200 to 200  
HP 100 to 100



**EduCALC**

Works with two HP 200s or two HP 100s, at maximum speed. 2' cable has 10-pin serial connectors on both ends and is small enough to fit in a case with your instruction.

#2624B [10 x 10 Cable] ..... \$22.95

**EduCALC News Line (714) 582-3976**  
Phone EduCALC any time for weekly reports on the latest products and activities for handhelds and palmtops. Updates are made each Tuesday. Topics include new products or services, special offers, novel applications, and news about the activities of user groups.

**EduCALC—your choice  
for mobile computing!**

Questions: 8 - 5, M - F (800) 677-7001 © Orders only, anytime: (800) 535-9650, ext. 9173

## Travel Floppy 144

take this 3.5' disk drive with you—connects to any PCMCIA type II slot for HP 100/200

### Accurite

Small (4 x 6.3 x 85 inches) and lightweight (18.9 oz)—so you can up- and download large amounts of data on the road.



You can hot swap the type II PC-card controller so you can move files without exiting the software in use—for quick, simple and economical backups and transfers.

Controller card comes with its 18-inch cable—AC adapter included (required with HP 100/200), manual, software drivers and utility. Requires connectivity kit. Not for HP 95LX.

#3051 [Travel Floppy 144] .....\$229

**Visit our Web Site** Find out first about new instruments, software and accessories plus latest prices—

<http://www.educalc.com>

## Fax/Modem & Memory

PCMCIA Type II card for 100/200/OmniBook



Combines 14,400/9600 bps fax send/ receive and 2400 bps modem with the memory—6MB—that turns your HP portable into a real mobile communications center.

Features error correction, fallback for slower-speed modems, auto dial and answer. Prints incoming faxes on HP LaserJet & most other printers, schedules faxes for economical phone rates, faxes to multiple destinations. Has built-in phone-line interface. Auto Stand-by and Sleep modes (lowest power consumption), and is COM 1 or COM 2 configurable.

The 6MB Flash memory can be used to store Fax, data or other files. 5 yr warranty. List \$449

#3054 [Fax/Modem & Memory, 6 MB].....\$389

## Swap Box

internal PC card drives

full PCMCIA

compatibility

for your desktop

SCM



Here's the bridge, between your PCMCIA-equipped palm top and any desktop PC

Now you can share the same set of function cards in both machines—save on the cost of peripherals like memory cards and also FAX/Modems, LAN adapters, etc. You'll maximize your computing investment dollars.

Each drive accepts all PCMCIA release 2.0 cards, types I, II and even big, fat type III. Each carries an unprecedented 5-year limited warranty, the hallmark of fine engineering and precision manufacturing. Each transfers data at 2MB/sec.

Entry-level drive #2977 has a single slot with access at the rear of your PC, #2978 has a single front-access slot, and power-user's #2979 has both slots (one front and one rear, for simultaneous use).

2-in-1 drive #3304 gives you 2 PC-card drives in a single front drive bay, while all-purpose #3305 has one PC-card slot and one 3.5" floppy slot, both in one drive bay.

#2977 [Swap Box Lite] List \$92 .....\$79.95

#2978 [Swap Box Classic] List \$152 ... \$114.95

#2979 [Swap Box Premium] List \$185 ..\$179.95

#3304 [Swp Bx Classic x 2] List \$155 ...\$134.95

#3305 [Swp BClas Combo] List \$219....\$189.95

## Read our mail from New York—

"EduCALC is really the leader store in the sale of calculators and computer products. Keep up with your good work!"

Krishna Shukla, Buffalo

## ThinFax 144LXM Modem & Memory for HP 100/200



- 14.4K bps send/receive data/fax
- 2, 4 or 8 MB built-in flash memory (optional)

Compatible with cc Mail and Datacomm, automatically programmed to be COM2 by your HP 100/200.

The faxes you receive can be stored in memory (optional) right on the card, so you get both functions in your one PCMCIA slot, memory and communications. Error correction, data compression, auto-dial/answer

#3057 [ThinFax 144] List \$329 ..... \$229  
 #3058 [ThinFax 144, 2MB Fl] List \$379 ..... \$279  
 #3059 [ThinFax 144, 4MB Fl] List \$429 ..... \$339  
 #3108 [ThinFax 144, 8MB Fl] List \$599 ..... \$499

## StarLink wireless receiver card for 100/200/OmniBook



- News and Sports
- Stocks and Company Reports
- Messages from anyone with a telephone, anytime, anywhere
- email from anyone with a modem, anytime, anywhere
- update your appointment book

You just plug this into a PCMCIA Type II card slot, receiver card contains StarLink software. Then choose coverage to match your needs—local, regional or nationwide—news and sports, stocks, or any of a whole list of options. Call 1-800-917-LINK for service pricing information or answers to technical questions.

StarLink card has a bulge outside your palmtop or laptop card slot—includes one AAA alkaline battery with approximately 21 days life, 128KB applications flash and 128KB message RAM memory. One year warranty with Express Exchange overnight replacement if you need it. List \$229

#F1028A [StarLink Receiver, card] ..... \$219

## Software Carousel memory management software for HP 200LX



### *hot-key switching among up to 12 programs*

If you are a power user, here's fast, easy, simple memory maximization

3.5" disk, user's guide  
60-day replacement warranty Phone, fax or email Sunshine tech support



#3431 (Software Carousel) List \$90 ..... \$79.95

## EduCALC Bulletin Board System

The EduCALC Bulletin Board System is another method of support from EduCALC<sup>®</sup> To better serve its customers, EduCALC has installed a dedicated, state-of-the-art, multi-line Bulletin Board System (BBS).

EduCALC customers can do the following free of charge:

- place a catalog order
- request help from technical support
- view/download current catalog information
- view general message areas
- read and respond to classified ads
- order and download selected software on-line
- download from general file areas

For a small subscription fee, EduCALC Bulletin Board Priority Customers will get all of the above plus:

- view/download the latest catalog before it's released
- place classified ads
- view weekly specials available only to priority customers
- special download file areas
- other valuable benefits

The EduCALC Bulletin Board System can be reached at (714)348-8115. Set your communications software to 8 hits, no parity, 1 stop bit (8-N-1). Baud rates up to 28.8K are supported.

**EduCALC BBS (714)348-8115 8-N-1  
Sys Op (714)458-1578**

## NEW SERVICE—CD-ROMS

Orders can now be placed through the EduCALC Bulletin Board System for pre-mastered CD-ROMs. A video-to-CD-ROM service is also available. Log on for full details!

**ACT!** v.1.1  
for HP Palmtops  
on 3.5" disc

Symantec

take your  
**ACT!**  
on the road

*you'll have the  
world's most popular contact-manage-  
ment software where you need it  
most—right with you, in your palmtop.*



#### Track your contacts and clients

- Tracks up to 4000 contacts
- Automatically-updated contact history
- 71 user-definable fields
- User-definable, pop-up windows for easy data entry
- Hide/protect field attributes
- Database Password Protection
- Instant contact 'Look-Up' capability
- User-definable and keyboard
- Date-stamped notes for each contact search

#### Generate reports, to view, file and print out

- |                  |                               |
|------------------|-------------------------------|
| ■ Address list   | ■ Tasklist for all activities |
| ■ Contact report | ■ Future Activity report      |
| ■ Phone List     | ■ Calendar of to-do's         |

#### Manage your calendar and to-do list

- Daily activity list of calls, meetings and to-do's
- Instant 'asklist' for any date-range
- Week-at-a-glance calendar view
- 'One-finger' scheduling of multiple activities
- 'Pop-up' alarms for critical activities

#### Track all your expenses, on the fly

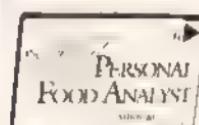
- Expense detail, billable hours and mileage
- Expense reporting by date range or type of expense

#3031 (Act! for Palmtops) List \$129 .....\$99.95  
#F1015A [Palmtop to 9 pin Cable, 6'] .....\$24.95

**Sale—digital card  
dusting for only \$59.95**

#### Personal Food Analyst, Consumer Version

Nutritional software  
for your HP 95/100/200



- Used by all 1st year students at Univ. of Arizona Medical School
- Recommended by Take Care, Inc., one of the country's largest HMOs

#### **Take control of your own body!**

Take this intelligent diet program along with you—it will analyze food for 27 nutrients to show you how much you should eat (based on your personal profile and daily goals), record what you do eat, and keep track of how well you've done during the past week (printing it out if you wish).

Comes on 1 Meg ROM card to slide into the slot on your HP Palmtop—so easy to use that in 20 minutes it will start having a stunning effect on your health and appearance! Illustrated booklet included.

Stock #2852 (Per Fd Analyst) List \$149 .....\$99.95

#### PC in your Pocket

edited by Ed Keefe

#### for 95/100/200

- the how-to book for HP palmtops
- tips and tricks from users worldwide
- real-life stories of how people use the palmtop in their own lives

Here are the best, most useful articles culled from 10 years of the HP Palmtop Paper, a bimonthly, independent support newsletter.

Chapters cover an Overview, Staying Organized, Info When You Need It, Typing Tricks, plus all 9 of the other topics you'll want to help with  
#3134, PC in yr Pocket, 274p sftbd .....\$19.95





### Prolinear

*Just what you've wanted—fast, and big enough to type on (a superpalmtop) yet small and light enough to carry like a book (a subnotebook).*

*Big yet small?* 9.5 x 4.5 x 1.25 inches, with 7.5 in diagonal screen

*Can you type on it?* 82 key (about 80% size) QWERTY keyboard, so you'll type at about  $\frac{3}{4}$  speed after a half-hour's practice

*Can you read it?* 640 x 200 pixel resolution with contrast control on keyboard

*What exactly is WORKS?* Microsoft's all-in-one office program—Word Processor, Spreadsheet, Data Base and Communications programs, designed to fit together. There's also PIM software—File Management, Planner, To-Do list, Calculator and Phone Address Book

*How big is the memory?* 2MB or 4MB RAM. But all your WORKS and PIM software runs from 2.5MB ROM, so you'll have room for some big files in RAM

*How flexible is it?* 2 Type III PCMCIA card slots, for software hard drive or more memory. Standard serial and parallel ports to connect to your desktop PC or printer. Mode #3459 includes modem with phone jack. Runs on 4 AA batteries (10-20 hours, rechargeables OK on AC adapter)

*What comes with it?* 226p Owner's Manual, AC Adapter, 3.5 Serial Cable, snug Carry Case, batteries, 1-yr warranty

#3457 [Mini Note 2MB] List \$985 .....\$879

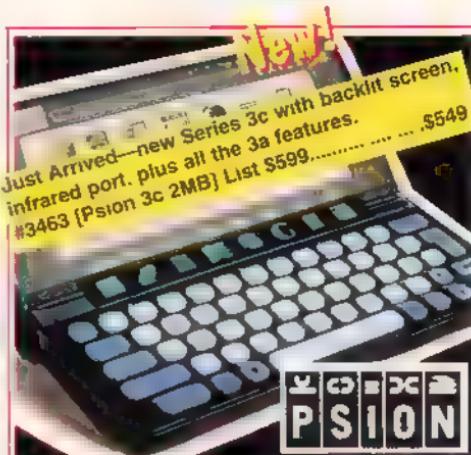
#3458 [Mini Note 4MB] List \$1134 .....\$1039

#3459 [Mini N 2MB/Modem] Lst \$1114...\$1029

#3112 [Executive's Leather Case].....\$79.95

### Mini Note *the price is right*

- fast 386SX chip runs at 25MHz!
- weighs an unbelievable 1.2 lbs
- built-in PIM and MS WORKS 2.0
- touch-typable keyboard
- 80 col x 25 line CGA on 16-gray level supertwist LCD
- built-in DOS 5.0, and it will run Windows



**Get \$75 Cash Back from Psion. Order your Psion 3a 1 or 2MB before 12/31/96. Coupon in box.**

The world's favorite palmtop—for word-processing and for programming

Big 80 character by 17 line full page screen has sharp CGA graphics and a Windows-like interface. Built-in Solitaire game

Easy-to-type QWERTY keyboard yet it weighs only .1 oz and folds to pop into your pocket. 6 x 1 1/2 x 3/4 inches. Two AA batteries last months

A single key switches you between functions

■ **word processor**—fonts, styles, password, built-in spell checker/thesaurus

■ **spread sheet**—shows entire 12 months at once, 1-2-3 compatible

■ **programming language**—like BASIC, with compiler

## MS Automap plans your route

Going on a trip? Take your Psion—simply tell it where you are and where you want to go. Your 3a will tell you the most direct, least expensive way to go.

Road Atlas spans 150,000 cities and towns in the US, plus 423,000 miles of road. Selects Interstate or divided highways, or else secondary roads. Allows for stops on the way, gives you graphic overviews, table views, split-screen, and lists every turn you take, then it plots your progress.

Comes on solid-state card, runs on Series 3a, all memory versions

**#3401 (Road Atlas, card)** List \$120 ..... \$99.95

■ **personal info management**—addresses, calendar and To-Do with alarms

■ **database**—fully customizable and extendible

■ **scientific calculator** ■ **auto dialer** ■ **world time**

Built-in microphone and digital audio system so you can record reminders. Speaker doubles to auto-dial tones with any phone. Two proprietary card slots for software or memory. 1-yr warranty

**#3310 [Psion 3a 1 MB]** List \$595 ..... \$399

**#3311 [Psion 3a 2 MB]** List \$695 ..... \$539

**#2626 [128K Flash, card]** List \$65 ..... \$54.95

**#2629 [1MB Flash, card]** List \$195 ..... \$149.95

**#3079 [2MB Flash, card]** List \$295 ..... \$224.95

**#3098 [Win Link + Cable]** List \$120 ..... \$89.95

**#3077 [Mac Link + Cable]** List \$120 ..... \$89.95

**#2967 [Serial/Printer Link]** ..... \$24.95

**#2966 [Parallel/Printer Link]** ..... \$49.95

**#3093 [3FAX/Modem]** List \$295 ..... \$224.95

**#2970 [SpChkr/TheSars, crd]** List \$100 ..... \$79.95

**#3089 [Games 3a, card]** List \$100 ..... \$79.95

**#3313 [AC Adapter]** ..... \$19

**#3368 [Vinyl Case]** ..... \$20

**#2763 [Leather Organizer]** List \$90 ..... \$57.95

**#2517A (IntelliLink, 3.5")** List \$100 ..... \$94.95

### Quicken-compatible

### Personal Finance Software

Designed for the American 3a user. 125-p Owner's Manual, 3.5" disk

**#3409 (Banker 2.0)** List \$120 ..... \$99.95

### ACT! for Psion

Contact Manager similar to ACT! for Windows (see page 15 for full description).

**#3410 (ACT! for Psion, card)** List \$120 \$99.95

## Envoy 150 wireless communicator



- **No wires**
- **No limits**
- **Fits in your palm**



Receive and send email in the middle of an all-day meeting, send a fax from the back of a cab, or check stock prices while waiting for your next appointment.

Communicate wirelessly with any fax machine in the US, or computer with a fax modem. Reach anyone with an Internet address including people using AOL, Compuserve, Prodigy and LAN-based email systems with Internet gateways. 9600/ 2400 fax baud, 4800 wireless.

It is a giant screen organizer, too—use a serial cable (optional) to print files through your PC or download data to/from Macintosh or Windows based applications, including the entire contents of your Lotus Organizer.

Comes complete with software, including communications via AT&T, RadioMail, OAG and AOL. Ardis Personal Messaging available for 2-way wireless service covering 10,000 cities and towns with fully automatic roaming. Pocket Quicken is a bonus.

The unit is the size of a paperback book, weighs less than 2 pounds and has a simple touch-sensitive screen. Two PCMCIA slots, type II, Motorola reliability with a 1-yr warranty.

Make the most of every minute of every day. Get ahead by staying ahead.

**#3447 [Envoy 150]**.....\$1295

**#3448 [System Carry Case]** .....\$39

**#3449 [Travel Charger, for auto]**.....\$39

## Organizers - EduCALC

### HP OmniGo 120 Organizer Plus

You choose—Pen input and  
Keyboard input

Unequalled financial capabilities—you'll have the familiar **HP 12C** emulated on your screen, plus TVM, cash flows and the HP Solver

With built in *Pocket Quicken*—you can instantly organize your finances—connect to PC *Quicken* and *ExpensAble*

#### Hardware Platform

- 80186 running at 16 MHz
- 1 MB SRDRAM
- 3 MB ROM
- 1 PCMCIA Type II card slot accepts RAM, not most Flash
- RS-232C serial interface
- GEOS Operating System
- 2 AA & 1 Lithium batteries
- 1. ounces, pocket size
- Dimensions 6" x 3.7" x .1"



New, easy-to-read holographic display

On a plane, at a trade show,  
even on the beach—



HEWLETT  
PACKARD

Check your calendar, make to-do lists, look up phone numbers and access a database. Use an electronic

### Save money with OmniGo 100

If you don't need the very brightest and clearest of displays, get the OmniGo 100—it comes with free Pocket Quicken (on disk, serial cable required to download). Free "Power Pac"—see p. 48 #F1310A [OmniGo 100] List \$302.....\$239

### OmniGo Link to Windows PC for OmniGo 100/120



HEWLETT  
PACKARD

Available  
November '96

### Expand your OmniGo's power!

All you need to connect to your desk PC, and more. Includes 4- to 10-pin connector and 1.5 m serial cable

Automatically synchronize the data between your organizer and PC—Phone Book, Appointment Book, Notepad and Database info with most popular PIMs as well as HP PIM software for your PC (included)

Includes 6 Strategy Games, Clip & Go Software #F1036A [Link to Windows PC] .....Call PC Connector/Adapter Kit contains complete set of 4 adapters. 9- to 25-pin for printers, 9- to 9-pin gender changer or 9- to 25 pin for modems, and 9-25-pin for PCs

#F1023A [PC Connectr/Adptr Kit].....\$24.95  
#F1015A [extra Serial Cable] .....\$24.95

### Connectivity Pack

#### for OmniGo 100



HEWLETT  
PACKARD



Backup and download with any Windows PC. Synchronize ApptBk, Phonebk and Notepad data in 1 step—desktop PIM is included

Easy data entry using PC keyboard—data import/export using CSV, TSV or dBASE file formats, even from Casio, Sharp and Psion organizers, or import from 100/200LX Win 95 compatible.

Comes on 3.5" diskettes with serial null-modem cable, 9- to 25-pin serial cable adapter, User's Guide Cable only also available. List price, \$120.

#F1311A (Connectivity Pack) .....\$49.95

## EduCALC - Organizers

**notepad** to organize by drag and drop, then store notes **Worldtime** with alarms and stopwatch. You can even play **Solitaire** or view electronic content using **Geoworks Book Reader**. You can add memory, connect to printers, PCs and more with optional HP and 3rd party accessories.

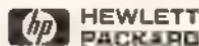
You can input with the keypad or use Graffiti, the easy-to-learn pen method that's really reliable, for data entry.

You can dynamically link your built-in Chip & Go clipboard to a Windows PC clipboard with optional "Link to Windows PC" (#F1306A).

You'll have **TVM** for loan amortization and interest rate calculations, **Cash Flow** for interest rate, PV, FV and period calculations with variable payments or deposits, **Business Percentage** for markup, margin and percent change, **Conversions** you use for currency, length, area, mass, volume and temperature, **Spreadsheets**, **Statistics** in 1 and 2-variables to fit a curve or graph data. Plus a complete **HP I2C Calculator** emulated on your OmniGo 100 (manual optional).  
#F1305A [OmniGo 120] List \$489 ..... \$389  
#718, HP 12C Owner's Manual ..... \$14.95  
#F1314A [extra Pens, 3 pack] ..... \$10  
#H5465A [HP Support Pack] ..... \$85

### Compact Flash Card

for OmniGo 120



Matchbook-size removable card fits in adapter (included) which goes into any PCMCIA PC Card slot. Uses no battery, low power consumption, shock resistant.  
**#F1302A [2MB CF card & adapter]** ..... \$239



### RAM Cards

for palmtops  
and organizers

#### PreMax

Dual lithium batteries keep you when low, 3-yr warranty  
**#2987 [512K RAM card]** ..... \$99  
**#2988 [1MB RAM card]** ..... \$139  
**#2989 [2MB RAM card]** ..... \$229



### Strategy Games

for OmniGo 100



HEWLETT  
PACKARD

**Tiles**, a version of Mahjong ■ **Uki**, a version of the animated stones game ■ **Black Box**, player finds hidden atoms with lasers ■ **Decode**, a twist on Mastermind ■ **HiHo**, a multi level version of Go ■ **Four in a Row**, a multi dimensional tic-tac-toe.

Comes on 3.5" diskette download to install  
**#F1313A [Strategy Games for 100]** ..... \$49.95

### Flash

### Memory Cards

Magic Ram

#### high capacity OmniGo plug-in memory

No back-up required—this is a backup—no batteries, super reliable. Fast, low power, durable, with lifetime warranty

**#3432 [2MB Flash Memory Card]** ..... \$169  
**#3433 [4MB Flash Memory Card]** ..... \$249  
**#3434 [8MB Flash Memory Card]** ..... \$379  
**#3435 [10MB Flash Memory Card]** ..... \$449  
**#3436 [20MB Flash Memory Card]** ..... \$759  
**#3437 [40MB Flash Memory Card]** ..... \$1399

### the Leather Desk

our best organizer  
for the executive's OmniGo 100

#### EDUCALC

Sumptuous black napa leather coddles your OmniGo 100, with extra padding for instrument protection. Software and memory cards fit into 6 slots, 2 pockets hold notes and diary. There's a second compartment for important documents and a loop for your pen.



It feels soft and rich in your hand, but there's a detachable carry strap, too. 8 1/4 x 5 x 1 3/4 inches outside  
**#2763A [OmniGo 100 Leather Desk]** ..... \$57.95

**Rich and Elegant  
Black Leather  
Carry Case  
for your  
OmniGo 100**



*hi-touch safety for  
your hi-tech investment*

Slim, trim and impressive, yet this formfit beauty protects your OmniGo from all those inevitable spills, scratches, knocks and drops.

Pocket in flap holds PC card or business cards, velcro closure

#3125 [Leather Carry Case] List \$40.....\$27.95

**Fitness Tracker** *Brand New*  
for OmniGo

J. Justin &  
Associates

**Do you  
work out?**

*Track and maximize  
your performance in  
aerobic exercise regi-  
mens and competitive  
events*

Performance Calculator assigns a grade to each set. Custom Exercise Library accepts any type of exercise from free weights to track and field events and you can develop custom routines for them. Pop-up lists

You'll get feedback dynamically, even during a session—useful statistics, so you can adjust performance. View present set simultaneously with past 4 sessions', or scroll to last week's or last month's'. Personal version tracks 2 trainees at once—also has Print feature for any single session with machines. Professional version tracks multiple clients with differing routines, accepting forms in Phrase/Template Library to generate and Print progress reports, Notes and Billing Forms. 3.5" disk, Manual

#3460 (Basic Fitness Tracker) .....\$119  
#3461 (Personal Fitness Tracker) .....\$139  
#3462 (Professional Fitness Tracker) .....\$199



**Zaurus ZR-5700 SHARP**

**keyboard enhanced PDA  
with new built-in Spreadsheet and  
Communications Applications**



- Excel-compatible Spreadsheet application
  - Compuserve Companion—access email, news and forums
  - AT&T Mail—send/receive email while away from your PC
  - Remote Access Software—access your PC files
  - Touch Screen, PC Card Slot Type II, Serial Port, Infrared beam
  - full PIM applications, including Clocks, Calculator, Word Processor
  - CE-FM4 Fax/Modem or PC card required for communications applications, plus PC pager card and pager service for pages
- #ZR5700 [Zaurus] List \$599 .....\$519

**Zaurus ZR-5800/ZR5800FX  
Backlight Illuminated Display  
and 2 MB Memory** (1.6 MB user area)

**SHARP**

- Plus all the powerful features of the ZR 5700
  - Dimensions. 6.7" x 3.9" x .9". Weight 14 oz.
- |   |          |
|---|----------|
| #ZR5800 [Zaurus] List \$699 .....           | \$619    |
| #ZR5800FX [Zaurus + Fax/Modem] .....        | \$699    |
| #CEFM4 [Fax/Modem] .....                    | \$139    |
| #CEIR1 [Wireless I-face for Printer].....   | \$145    |
| #CEIR4 [IRDA Wireless I-f for PC] ...       | \$144.95 |
| #CEBK1 [Batt Pk, Recharg] List \$150 .....  | \$129    |
| #EA23E [AC Adapter for Zaurus] .....        | \$7.95   |
| #ZR5C01 [AT&T Mail Software] .....          | \$69     |
| #EA11E [AC Adapter for CEIR1] .....         | \$7.95   |
| #2767 [512K Epson SRAM Card] .....          | \$119    |
| #2768 [1 MB Epson SRAM Card] .....          | \$169    |
| #2517A (Intellilink, 3.5") List \$100 ..... | \$94.95  |

# EduCALC - Organizers



## Serial and Parallel Interface Kit for Zaurus or Wizard

Aegis

Access PCs, modems, printers, etc directly—Wizard PC transfer requires software contact Sharp.  
#3383 [Sharp Interface Kit] List \$90 ... \$69.95

**pilot**

The up-front organizer

**U.S. Robotics**  
The Intelligent Choice In Information Access

*At last—the tiny organizer you Hot-Sync with your PC—then pop in your shirt pocket or purse.*

 **Buck-up, download and update**—all with one key, automatically



 **Addresses, phone and fax numbers, with notes**—you can keep up to 15 address lists.

 **Calendar, day's agenda**—scan for open time slots, attach notes or alarms

 **ToDos**—sort by priority or due date.

 **Notes**—jot on the road with stylus or keyboard, then drag and drop into programs on your computer

**Calculator and Find**, too, at a touch  
4.7 x 3.2 x 0.7 inches, and only 5.7 ounces! Pilot 1000 holds over 1000 records. Pilot 5000 over 5000; 8 to 12 weeks on 2 AAA batteries, included

Comes complete with PC organizer software, docking cradle with cable and adapter, stylus, carry pouch, User's Guides, Quick Start Card; 1 yr warranty.  
#P1000 [Pilot 1000 Organizer].....\$289  
#P5000 [Pilot 5000 Organizer].....\$369  
#3117 [1MB mem upgrade, Pilot 1000]....\$159  
#3133 [IntelliSync] .....\$69.95

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Pentium Power at 133  
or 100 MHz

Instant-On—  
no more boot and wait

1-34GB or 772 MB  
Hard-Disk Drive

16-bit Stereo Sound  
with mike and in/out ports

Lightest Desk Top-to-go  
comes with both—

Win 3.11 & Win95—  
you choose

SVGA Color—10.4" TFT  
or 10" DSTN

Easy-to-use pop-up mouse  
16 MB RAM—

expandable to 48 MB  
Supports Hot-Docking

*Lightest and Smallest full-function PC—only 3 1/2 lbs with battery* so it's the most convenient and powerful subnotebook on the market

*Convenience* is what portable computing is all about—if you prize it above all else, the OmniBook 800 is for you. Here's the portable that still fits on the incredible shrinking airline tray table. It will run till you land, too—*up to 3 hours on a charge*.

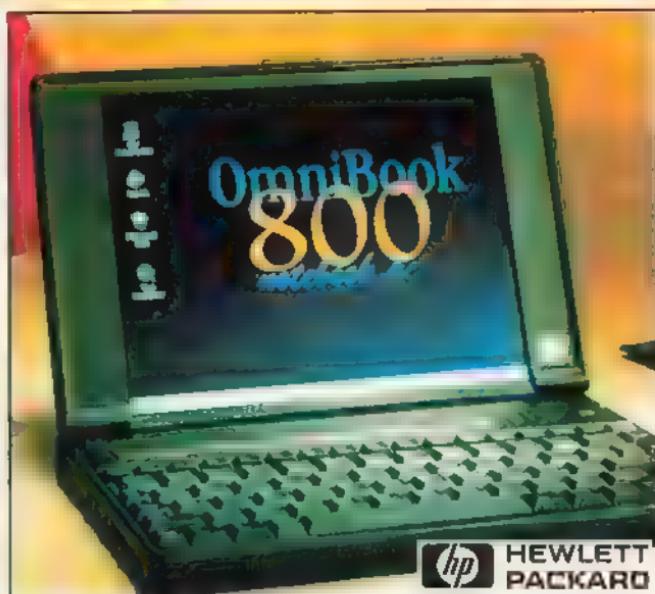
The 800CT has a big brilliant 10.4 inch TFT (thin-film transistor, active matrix) display, the 800 CS a 10 inch DSTN (passive matrix). Both use a new lithium ion battery that get 40% longer life.

This is the speed and power you want to run your own DOS or Windows software—the exact word processor, database, spreadsheet or whatever you are used to. Handy HP PIM software is built in, too.

*You'll be using a full-size standard keyboard* this is the only notebook under 5 lbs that offers instant, effortless touch-typing. Plus, when you turn it ON it wakes up instantly where you left OFF—no more rebooting.

*Built-in pop-up mouse* works just like the desktop mouse but without the hassle. Portable Computing magazine gave this mini-mouse its Exceptional Merit Award—only HP offers such a mouse. External ultra-thin 3.5", 1.44 MB floppy drive, optional 4 x CD-ROM drive.

Serial and parallel I/O, and floppy disk, external video, SVGA-out, IrDA-2 infrared, SCSI-2 docking stereo in/out and mike-in ports. 2 PCMCIA Type II



**hp HEWLETT  
PACKARD**

or 1 Type III slots are Card Bus ready. 3-yr worldwide warranty

Docking system F1177A has standard half-length ISA/PCI slot, parallel, serial SVGA out, PS/2 keyboard and mouse, stereo-out, Fast SCSI-2, external floppy ports, supports PnP and hot docking.

Specs for the 800 models are coded in their price lines below. For example, #F1175A is the OmniBook 800CT with a Pentium chip (5) running at 133 MHz with a 1.35 GB hard disk drive and 16 MB of RAM having a 10.4 inch display of type TFT

#F1175A [5/133, 1.35 GB/16MB-10.4" TFT] \$4299

#F1171A [5/100, 810MB/16MB, 10" DSTN] \$2999

#F1177A [HP Docking System, 800] .....\$419

*Accessories for 800 and 600 Series*  
#F1044B [HP AC/DC Adapter] .....\$94  
#F1049A [HP replacement Mouse] .....\$45  
#F1059C [HP 3 mode flexible disk dr] .....\$186  
#F1063B [HP External batt charger] .....\$49  
#F1121A [HP Lithium Ion batt pack] .....\$129

*Accessories for 800 Series only*  
#F1118A [HP CD-ROM drive pwr cable] .....\$39  
#F1164A [HP 810MB hard disk dr] .....\$989  
#F1166A [HP 1440MB hard disk dr] .....\$1499  
#F1167A [HP 8MB RAM expansion cd] .....\$334  
#F1168A [HP 16MB RAM expan cd] .....\$649  
#F1169A [HP 32MB RAM expan cd] .....\$649  
#F1182A [Docking conn to SCSI cable] .....\$49  
#F1196A [HP Quad-speed CD-ROM dr] .....\$419

**Accessories for 600 Series Only**

#F1044B [extra AC Adapter]	\$94
#F1058A [NiMH battery pack module]	\$94
#F1121A [Lithium Ion Battery for C or CT]	\$129
#F1063B [External battery charger]	\$49
#F1064A [Automobile adapter]	\$94
#F1054A [4-MB RAM expansion card]	\$314
#F1055B [8-MB RAM exp cd for C & CT]	\$559
#F1123A [16-MB RAM exp cd for CT]	\$1099
#F1124A [24-MB RAM exp cd for CT]	\$1649
#F1071A [Port Replicator]	\$329
#F1049A [extra OmniBook mouse]	\$45
#F1059B [extra 3.5" extern floppy drive]	\$186
#F1068A [extra 170 MB hard drive]	\$449
#F1069A [extra 260 MB hard drive]	\$529
#F1070A [extra 340 MB hard drive]	\$599
#3035 [4MB RAM, for 530/600]	\$249
#3049 [4MB RAM, Simple Tech for 300/425/430]	\$249
#3050 [8MB RAM, for 530/600]	\$479

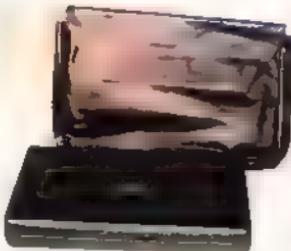
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for your HP 600/800**

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safety for  
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invest-  
ment**

Slim, trim  
and impres-  
sive, yet this  
f o r m f i t

beauty protects your 600/800 from all those inevitable spills, scratches, knocks and drops. Four pockets inside for PC cards or business cards, velcro closure. Handsome black.

#3317 [Leather 600/800 Case]	\$29.95
#3318 [Nylon 600/800 Case]	\$18.95

**Need one of these  
for your OmniBook?**

Flash and RAM Cards	see p 8
Cigarette Lighter Adapter	9
FAX & Data Modems	14

**the leather *TakeItEasy*  
OmniBook mini-brief  
for your OB600/800****ISIS**

- **Look smart** with softly rich, black leather—handsomely designed and meticulously constructed
- **Act smart** with everything together where you need it—organized for instant readiness
- **Be safe** with ultra light padding, secure pockets and an adjustable, detachable shoulder strap

4 inside pockets plus space dividers and pen slots, with velcro-closed outside pocket—so your OmniBook can go in or out. Will also carry books and papers or catalogs, PCMCIA cards, a modem, a disk drive—everything you need! Approx 10 x 15 x 2"

#3200 [TakeItEasy Leather Case]	\$89.95
#3037 [TakeItEasy Nylon Case]	\$59.95

**Viper****Hard Disk Card****Integral**

goes into PC card slot Type III

**Get yourself enough memory!**

At last you can carry your own environment in your shirt pocket—the software you are used to, configured the way you like it, plus all the files and documents you use daily, automatically updated.

It's all instantly ready to use, in your own computer or one you have never seen before—notebook, sub-notebook, palmtop or desktop—Pen-based, DOS or Windows—all it requires is a PCMCIA type III slot. Perfect for primary or secondary data storage, the Viper has exclusive MicroGlide technology, with a polished disk to allow the heads to fly closer to surface yet never touch. You get 750G non-operating shock resistance, 300G in idle mode (where it uses only 100 mA), 12 ms average seek time. Weighs 3 oz #3395 [170 MB Hard Disk Card] \$389 #3396 [260 MB Hard Disk Card] \$479 #3397 [340 MB Hard Disk Card] \$579

# 24 HP OmniBook 5500 Notebook PC - EduCALC



Pentium and Hewlett Packard, together in the same notebook package—this is as good as things get

That Pentium chip feeds a 32-bit PCI bus—so it's fast, fast, fast—you'll have eye-popping graphics, full motion video, and split second screen refresh

Your OmniBook 5500 will have NTSC/PAL video-out and MIDI joystick ports. Optional quad speed CD ROM and integrated 16-bit Sound Blaster stereo for multimedia. Or you can substitute an optional battery for the removable 3.5" floppy disk drive module when you want to double your battery life

Instant-On is a real boon, if you're as impatient as I am: you go back to work with the touch of a finger, right where you left off, with no reboot. Plug & Play autoconfigures for peripherals. Infrared port for wireless printing and networking at a blazing 4MB per second

Docking system (optional) connects you instantly (hot docking) to desktop monitor and keyboard, peripherals and network

It all works with HP reliability you can count on. Maybe that's why the 1239 business users of notebook computers that J.D. Power & Associates surveyed in 1995 rated HP highest in customer satisfaction. You won't regret buying your HP 5500.

The warranty on your 5500 calls for Express Pickup and Delivery (EPAD). It is for 3 years, except it is for 1 year on the Value Line models, #F1326A and #F1329A.

Specifications for the 5500 models are coded in their pricelines. For example, in the top line, for #F1320A, 5/133 means a Pentium CPU chip running

powerful  
Pentium processor

blazing 133, 120,  
or 100MHz

6 or 8MB RAM  
(add up to 64MB)

up to 12.1 TFT  
or DSTN display

huge 2, 1.35 or  
.810GB hard drive

1Soundblaster  
2-speaker multimedia  
up to 3-yr warranty

at 133 MHz clock speed, 2GB/16MB means a hard disk drive capacity of 2GB (or 2000MB) and 16MB of RAM, and 12.1" TFT means a 12.1 inch display of type TFT (active matrix).

## Tech Specs for 5500

### Size Closed

■ 29.5 x 22.6 x 4.9 cm  
(11.6 x 8.9 x 1.93 in)



### Weight

■ 3.08-3.18 kg (6.8-7 lb)

### Power

- Rechargeable Lithium-ion battery
- Battery recharges to high level in 4 hrs using PC adapter while PC is on or off
- 2-minute low-battery warning
- Instant-on maintains computer in ready-to-work state for days on a charge, returns you to your application or file instantly
- Battery life (approximate with one battery): 1.75 to 2.5 hrs
- AC adapter 100 to 240 Vac (50 to 60 Hz) input; 12 Vdc, 3.3A output

### Removable Modules

- Floppy disk drive (can be used both internally or externally and can be replaced with a 4X CD-ROM drive or a second battery for 150% increase in battery life)

- Hard disk drive
- RAM
- Battery

## Keyboard and Pointing Device

- 85-key touch-type keyboard
- Embedded numeric keypad
- 12 [Fn] keys
- Trackpoint III (technology licensed by IBM)

## Input/Output

- 9-pin, 115,000-b/s, RS-232 port
- 25-pin EPP and ECP parallel port
- SVGA-out (up to 1024 x 768 x 256); VGA-out (640 x 480 x 65,536 colors)
- 4-Mb/s. bidirectional infrared
- Expansion bus connector
- NTSC/PAL video-out (composite & S-Video ports)
- Keyboard/mouse port
- Headphone/stereo-out port
- Stereo-in and microphone ports
- MIDI/joystick port

## Expandability

- One Type III PCMCIA slot (or use as two Type II slots) with 3.3-V or 5-V support
- Optional docking system with one ISA slot and one ISA/PCI slot, and parallel, serial, SVGA-out (up to 1024 x 768 x 256), keyboard, PS/2 mouse, MIDI/joystick audio, and SCSI-2 ports

## Pre-installed Software

- Microsoft® Windows® 95 or Microsoft Windows for Work-groups 3.11
- MS-DOS® 6.22
- Plug and Play BIOS
- HP PIM

## Security Features

- 2-level password protection
- Hard Drive password
- PC ID (tattooing)
- Kensington lock slots



Accessories for 5500 Series only	
#F1138A [810MB hard disk drive]	\$1179
#F1139A [1.2GB hard disk drive]	\$1499
#F1137A [Lithium-Ion battery pack]	\$239
#F1074A [External battery charger]	\$142
#F1320A [5/133-2GB/16MB-12.1" TFT]	\$4899
#F1321A [5/133-1.35GB/16MB-12.1" TFT]	\$4549
#F1324A [5/120-1.35GB/16MB-10.4" TFT]	\$3999
#F1326A [5/100-1.35GB/16MB-11.3" DSTN]	\$2699
#F1331A [5/100-810MB/16MB-11.3" DSTN]	\$2449

## Accessories for 5500 Series only

#F1191A [810MB hard disk drive]	\$599
#F1192A [1.35GB hard disk drive]	\$949
#F1193A [Std Lithium Ion batt pack]	\$239
#F1194A [Enhanced Lith Ion batt pk]	\$329
#F1195A [3.5" Internl/Externl disk dr]	\$189
#F1336A [6X CD-ROM drive]	\$399
#F1319A [Quad-speed CD-ROM drive]	\$299
#F1338A [External battery charger]	\$159

## Accessories for 5000 and 5500 Series

#F1189B [Docking sys, monitor stand/riser]	\$649
#F1181A [Y-adapter & MIDI/joystick adpt]	\$34
#F1134A [8MB RAM expansion card]	\$219
#F1135A [16MB RAM expansion card]	\$449
#F1136A [32MB RAM expansion card]	\$799
#F1044B [AC adapter]	\$94
#F1064A [Automobile adapter]	\$94

## Montana and Mariner

*fax/modem cards with cellular & paging connectivity*

M MOTOROLA



Send/receive data and faxes with 28 Kbps modem technology and 14 Kbps fax capability ETC error correction protocol, compatible with phones from Motorola, AT&T NEC and OKI

Send alphanumeric messages to Motorola pagers. Download data from your pager to your computer

Transmit messages wirelessly—with a Tango pager you can send messages from your laptop to other two-way paging subscribers

In addition to all these features, which it shares with Montana, the Mariner has both twisted pair and coax Ethernet LAN interface, for remote access to corporate networks

Average installation time is only 3 minutes! Comes with cables for the LAN and modem, installation software, device drivers, CardWizard card and Socket Services, and Messaging Partner software for paging features. Fits Type II or III PCMCIA slot. 5-yr wty #3440 [Montana fax/modem] List \$329 ....\$299

**Keep this catalog for future reference, or pass it on to a friend. Most items will be available in the future.**

- You'll get crisp, professional looking documents—600 x 300 dpi or more with HP's Resolution Enhancement technology, on plain paper, letterhead or glossy—even transparencies and labels. Windows ready.
- You'll have it fast and quiet A variety of built-in typefaces and TrueType scalable fonts for Windows give your work that polished pro appearance.
- You'll stay confident and satisfied, with the most dependable printer money can buy —HP sells more inkjets than all other manufacturers combined. You can strengthen your unit's 1-year warranty to 3 years of Express Exchange (overnight replacement) by buying the HP Support Pack listed below your machine.
- Surprise! You can have the DeskJet you want at a best buy price—You'll save on its 3 cents per page operating costs, too. Comes with power cable, ink cartridge and User's Guide, but NO printer interface cable.

### HP DeskJet 340 Printer for HP 95/100/200 & all Notebook Computers



**hp** HEWLETT  
PACKARD

84 typefaces, styles and size combinations including italic and bold, portrait and landscape

Comes with 30-page sheet feeder, power adapter, stand, Windows printer-driver software and fonts on 3.5" disk, black cartridge, User's Guide kit. HP 95/100/200/palmtop computers require a parallel converter

#C2655A [HP DJ 340 Printer]	List \$365	....289
#H5461A [HP SupportPack, to 3 yrs]	.....	\$49
#C3280A [Color Kit]	.....	\$44
#C3277A [Infrared Adapter]	.....	\$39
#C3279A [Mac Adapter]	.....	\$29
#C3005A [60-p Desktop Sheet Feeder]	.....	\$74
#C3059A [Rechargeable Batt]	List \$49	....\$44
#C3004A [Rapid Recharger, W-wide]	.....	\$89
#C3050A [Leather Carry Case]	List \$99	...\$89
#C3061A [Low-profile Parallel Cable]	.....	\$19
#51633M [Mobile Black Cartridge]	.....	\$27.95
#51625A [Color Cartridge]	.....	\$29
#C2633A [DiskWriter 320, Mac]	List \$379	..\$319
#92215N [AppleTalk Cable]	.....	\$28.50
#C3066A [Apple Connect Serial Cable]	....	\$13

- **Mac Option**—dual I/O, PC or Mac, with Mac Adapter
- **Infrared Option**—wireless printing.
- **Portable Option**—up to 100 pages/charge—750 black pages/cartridge at 3 ppm.
- **Includes FREE Color Option**—16 million colors

### DeskJet 400

**hp** HEWLETT  
PACKARD

The compact, all business printer with snap-in Color Kit included

■ up to 3ppm in black	.....
■ conversation quiet	.....
■ 50 page auto sheet feeding	.....
	256-level enhanced grey scale

#C2642A [HP DeskJet 400] List \$248.....\$199

### DeskJet 680C spectacular color for the whole family

**hp** HEWLETT  
PACKARD



- RealLife Imaging System
- 2-sided greeting cards, newsletters
- everything from cards to banners up to 5ppm black, 1.5 ppm color
- #C4549A [HP DJ 680C] List \$386.....\$299
- #H5461A [HP SupportPack].....\$49

**DeskJet 690C**

spectacular color—  
photo-quality printing

- add photos to your projects ■ make iron-on transfers
- RealLife Imaging System 2-sided greeting cards, newsletters ■ up to 5ppm black, 1.3 ppm color

Optional Photo Color Kit offers outrageous neons and skin tones, brings photos to life; optional paper for best photo results.

#C4562A [HP DJ 690C]	List \$419	\$359
#C4585A [HP Photo Color Kit]	.....	\$62
#C1846A [HP Photo Paper]	.....	\$12.95
#H5461A [HP SupportPack]	.....	\$49

**DeskJet 870Cxi**

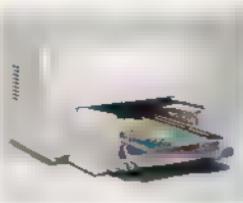
stunning  
business documents  
via Windows,  
DOS & Mac



The 870Cxi  
is HP's successor  
model to the 855Cse"  
which Consumer  
Reports, Oct '96, so  
highly praised.

- fast—8ppm black, 4 ppm color
- biggest font collection on market
- RealLife Imaging System with C.R.E.L. labels, envelopes, transparencies

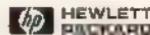
#C4555A [HP DJ 870Cxi]	List \$599	\$499
#S465A [HP Support Pack]	.....	\$85

**DeskJet 1600C/CN**

color work group printers

For 1-10 users, at 8 ppm black, 2 ppm color, Econo-Fast mode at 9 ppm, 4 ppm color 4MB RAM. 1600CN has Postscript L2, and JetDirect network card for Ethernet/LocalTalk. PCL 5C, 12,000 ppm.

#C3540A [HP DJ 1600C]	List \$1699	\$1299
#C3540N [HP DJ 1600CN]	List \$2129	\$1799
#H5471A [1600C/CN SupportPack]	.....	\$150

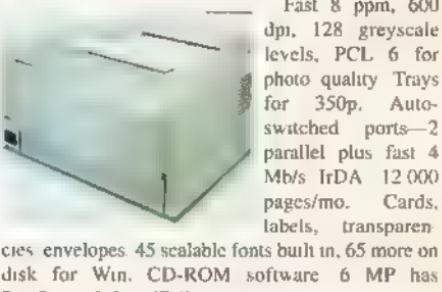
**HP LaserJets****LaserJet 5L-FS**

\$50 REBATE

on #C3941B  
from Sept. 1, '96  
to Jan. 15, '97  
Coupon in box



- the best 600-dpi output available—photo-like images at 4ppm and 1c/page
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  - compact 13 x 12 inch footprint
- |                                    |       |       |
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| #C3941B [LJt5L-FS]                 | ..... | \$479 |
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| #H5465A [Support Pack, to 3 yrs]   | ..... | \$79  |

**LaserJet 6P/MP**

Fast 8 ppm, 600 dpi, 128 greyscale levels, PCL 6 for photo quality Trays for 350p. Auto-switched ports—2 parallel plus fast 4 Mb/s IrDA 12 000 pages/mo. Cards, labels, transparencies envelopes 45 scalable fonts built in, 65 more on disk for Win. CD-ROM software 6 MP has PostScript & LocalTalk

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#H5465A [6P/MP Next Day On-Site Sup]	....	\$85

**Printer/Fax/  
Copier/Scanner**

- 3 ppm, 600 x 300 dpi
  - automated plain paper fax
  - PC fax send and receive
  - 300 dpi copier, reduces to 70%
  - 300 dpi scanner
  - 1 year Express Exchange warranty
- |                            |       |       |
|----------------------------|-------|-------|
| #C4661A [HP OfficeJet 330] | ..... | \$599 |
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**HEWLETT PACKARD** LaserJet Toner Cartridges — give your printed documents dark black coverage, sharp edges, fine lines. That's because they have a *brand new photosensitive drum, a new cleaner blade and a new charge roller plus genuine HP toner. Don't run out — buy yours now!*

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#92291A [LJ III St Toner, black]	\$117.95
#92282A [LJ 2000 Toner, 2.5 kg]	\$74.95
#92298A [LJ4, 4 Plus, 4M + Trn, 6000 pp]	\$99.95
#C3973A [LJ4, 4+, 4M, 4M+ Trn, 3600 pp]	\$84.95
#92274A [LJ4L, 4P 4ML, 4MP Toner]	\$85.95
#C3900A [LJ 4V, 4MV black Toner]	\$159.95
#C3906A [LJ5L black Toner]	\$69.95
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#C3909A [LJ5Si 5Si MX Toner]	\$194.95

LaserJet Memory—allows *more and larger fonts to be downloaded, complex graphics, even elaborate spreadsheets. Designed so you can install it, quick and easy.*

#33474B [1MB board, LJ IIP, III, IIP/D]	\$154.95
#33475B [2MB board, LJ IIP III, IIP/D]	\$249.95
#C2063A [1MB SIMM, LJ IIISi]	\$109.95
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LaserJet Transparencies and Labels—the *only film specifically engineered and tested for your HP LaserJet. It feeds with ease and eliminates fuzzy graphics, blurry words and darkened background.*

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### DeskJet 600 Series Supplies

#51629A [DJ Black Ink Cartridge]	\$30.95
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#51634Y [Ink Jet Paper, 200 sheets]	\$17.95
#C3834A [Prem Transp Film, 50 shts]	\$41.95
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S179.95	
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### DeskJet 800 Series Supplies

#51645A [DJ Black Ink Cartridge]	\$31.95
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#51634Y [Ink Jet Paper, 200 sheets]	\$17.95
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#C3836A [Prem Glossy Paper, 50 shts]	\$52.95
#C2950A [2-meter Parallel Cable]	\$11.95
#C2951A [3-meter Parallel Cable]	\$14.95
#H5465A [Support Pk/Express Exch.]	\$85

### DeskJet 1600 Series Supplies

#51645A [DJ Black Ink Cartridge]	\$31.95
#51640C [DJ Cyan Ink Cartridge]	\$31.95
#51640M [DJ Magenta Ink Cartridge]	\$31.95
#51640Y [DJ Yellow Cartridge]	\$31.95
#C2951A [3-Meter Parallel Cable]	\$14.95
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DeskJet, DJ PLUS, DJ500 & DeskWriter Supplies HP Premium InkJet Paper—bright white for sharper text, coated matte surface that *dramatically improves color accuracy and text clarity — gives presentation quality.*

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#22709A [DW Soft Font Collection]	\$189

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## Chart

Calculator Name	Calc Size	Battery No. × Size
HP10B, 14B, 17B(II), 20S, 21S, 22S, 27S, 32S(II), 42S	A	3 × A76
HP18C, 19B(II), 28C, 28S	B	3 × N
HP11C, 12C, 15C, 16C	C	3 × A76
HP41C, 41CV, 41CX	D	4 × N
HP71B	E	4 × AAA
HP48S, 48SX, 48G, 48GX	F	3 × AAA
HP 95LX, HP 95LX1MB	G	2 × AA
HP 100/200LX		1 × CR2032

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Lithium coin-cells, for memory back up  
#CR2016 [Lithium battery] ..... \$1.75  
#CR2025 [Lithium battery] ..... \$1.95  
#CR2032 [Lithium battery] ..... \$1.95  
#CR2325 [Lithium battery] ..... \$1.95  
#BR2325 [Lithium battery] ..... \$1.95

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RPN



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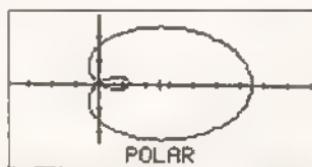
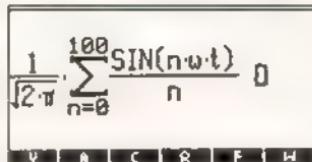
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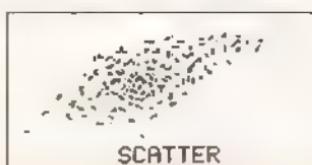
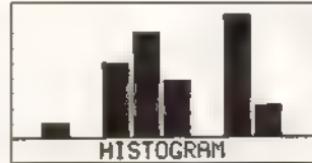
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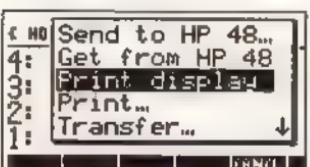
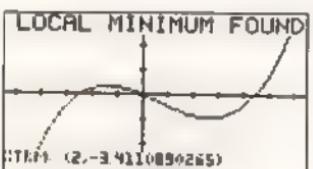
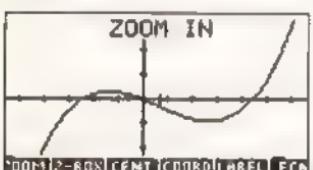
Statistics routines include curve-fitting with 4 models—as well as upper-tail probabilities.

Matrix Writer lets you easily do arithmetic with matrices and vectors that have real or complex number entries. *Do you need this machine?*

#### **What's the difference between these two machines?**

There are two differences — memory and card slots. The Graphic Expandable HP 48GX has 128K RAM and 2 card slots, whereas the Graphic HP 48G has 32K RAM and no card slot. Each comes with User's Guide, brushed nylon case and batteries, 1-yr warranty  
**#HP48GX [Graphic Expandable Calc]** List \$265 . . . \$209.95  
**#HP48G [Graphic Calculator]** List \$135 . . . \$99.95

~~\$106.95~~



here's where you find . . .

accessories	38
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## Trade In Program Save even more —



**TRADE IN** your used HP 41CV/CX or HP48G. Just send it to us, insured, in working order, with all its Manuals. Take Credit on your Order—\$45 Credit for a 48G, \$45 for a 41CV or \$60 for a 41CX—and put the order and your check right in the box.



If you prefer to keep your old instrument until your new one arrives, just send it to us up to 45 days later, along with its Owner's Manual and a copy of the sales receipt for your new machine—we'll send you your refund.

## Accessories

### Your Name in Silver on your HP 48G/GX

Personalize your calculator with this self-adhesive nameplate—it installs quickly in the recess on the back of your instrument.

Your bosses will know where to return your HP 48. Up to 24 standard characters. Allow 2 weeks for delivery; indicate whether all caps or upper/lower case.

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■ teachers ■ lecturers ■ sales reps

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## Memory Expansion Cards for SX/GX



Has its own long-lasting battery so you save your information even if you take it out to store it or mail it to a friend. Comes in 2 sizes, 128K and 1MB, and your machine can hold up to 2 of them. 1-year warranty #82215A [128K card] List \$150 ..... \$124.95 #82216A [1MB, 48GX only] List \$399 ..\$324.95



## Memory Expansion Cards

**EduCALC**

for your HP 48SX/GX  
#3127 [256K RAM card, 48GX] ..... \$139.95  
#3128 [512K RAM card, 48GX] ..... \$199.95

## Extras for your HP 48

like those that came  
with the product



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#2250, HP 48S/SX Owner's Manual ..... \$34.95  
#2251, Equation Lib Owner's Manual ... \$9.95  
#82211A [HP Soft Case] ..... \$14.95  
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S umptuous black napa leather coddles your 48, with extra padding for instrument protection. Software and memory cards fit into 6 slots, 2 pockets hold notes and diary. There's a compartment for important documents and a loop for your pen.

It feels soft and rich in your hand, but there's a detachable carry strap, too. 8.25 x 5 x 1.75 inches outside

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## Handsome black leather HP 48 Card Case

**EDUCALC**



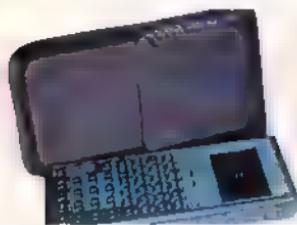
Look smart as you keep  
your hi-tech gear safe.

Durable leather coddles 8  
cards. Safety velcro flap closure,  
clear plastic pocket on  
back holds your business card

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**RIPOFFS**



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**#2225 [Hard Leather Case] ..... \$42.95**

**#543U [Anti-Static Comp-U-Bag]..... \$2.75**

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for mobile computing**

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**HEWLETT  
PACKARD**

Wire-up your  
HP 48 to your  
computer—1.5-  
meter cable plugs  
into top of calcula-  
tor (cable has 9-pin connector)

You can store your data and programs on your computer's disc drive. You can use the computer's big key-board to enter HP 48 commands — the Interface sends them to the calculator and returns results to computer screen for easy viewing (so you get excellent math software as a bonus).

Use your favorite computer text editor with the HP 48 Write and edit big programs, or enter large matrices and statistical data in a familiar way DOS and Windows compatible. Comes with instructions, computer software on 3.5" disk.

**#F1207B [PC Interface Kit] List \$53 .... \$44.95**

**#F1015A [HP to Cable] List \$35 ..... \$24.95**

**#F1023A [Serial Cable Adapter Kit] ... \$24.95**

**#F1016A [Mac Serial Cable] List \$35 ... \$24.95**

**#2601 [Untermin Serial Cable, 6'] ..... \$15.95**

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### CalcWare Link for the PC & Mac

**Sparcom  
CORPORATION**

**da Vinci**



Upload,  
download  
and backup  
files from  
your HP 48 S/  
SX/G/GX to a  
DOS/Win-  
dows 95/3.1  
or Mac com-

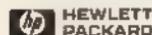
puter here's your connectivity software

Comes with a library of essential math functions, serial cable, 3.5" disk. Requires EGA or better.

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## InfraRed Printer for your HP 48S/SX/G/GX



Get hard copies of all your graphics, data, programs or calculations. This silent thermal printer operates on four AA alkaline batteries (included) for go-anywhere portability—a set of batteries prints about 6000 lines, or there is an optional AC Adapter.

Printer connection cords have been replaced by an invisible infrared beam from the HP 48. It's the only link required for your printing needs. List \$135

#82240B [Port InfraRed Printer]	\$115.95
#82241A [AC Adapter, US]	\$14.95
#F1011A [AC Adapter]	\$34.95
#82175A [2.25" Paper, black, 6 rolls]	\$16.95
#AA [Batteries, uses 4]	\$8.89
#92169H [Cover, brown]	\$22.95
#92169G [Cover, black]	\$22.95

## Drive95 Portable 3 1/2" Disk Drive for your HP 48S/SX/G/GX



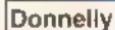
Also interfaces with the HP 95LX or any DOS based palmtop, laptop, or desktop computer, and supports formatted 720Kb and 1.44Mb capacity 3.5" disks. Includes File Manager software, manual, Kerner serial cable and AC charger adaptor, 90 day warranty.

#2602 [Drive95] List \$360	\$323
#2327 [Formatted 3.5" dsk, 1.44 MB]	.ea \$2.50



## software

### The HP 48 Database for S/SX/G/GX



#2648 (Database, PC disk, 3.5")	\$24.95
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## HP 48SX/GX Engineering Mathematics Library including MATHLIB, a ROM card with 715 new commands by John Holland



### Our most complete math package

- ✓ quick analyses for the professional
- ✓ worked examples for students

Complete, with statistics, linear algebra and digital signal and data processing. Over 300 tabulations of complex math functions, most to 10-digit accuracy.



Single-button plotting of all HP 48, MATHLIB, and all real and complex user-defined functions stored in the VAR directory—linear, semi-log and log-log plots with titles and labeled axes. 36 user-friendly menus. Vector and matrix language, so you can manipulate arrays without dealing with the elements. Over 100 statistical operations and tests. Over 50 statistical probability distributions and their inverses. Over 100 data and signal processing operations.

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Symbolic and numerical solutions of state space matrix differential, and difference equations. Over 200 algebra operations including 3 powerful complex coefficient polynomial root solvers. Over 50 data editing, sorting, windowing, clipping, and peak and valley analysis commands. Numerical differentiation and integration.

Believe this: it solves a  $40 \times 40$  system of linear equations in under 4 minutes! Handbook & card #2694 (Eng/Math Lib, 632 p hrdbnd) ...\$139.95

## General Application Programs for Engineering Math Library

Requires #2694

#2902 (HP 48 Application Pgms, 3.5")	\$59.95
#2903 (HP 48 Application Pgms, card)	...\$99.95

## Games48 for SX/GX

**da Vinci**

**Sparcom**  
CORPORATION

- ◆ Poker
- ◆ Diamonds
- ◆ Keno
- ◆ Blackjack
- ◆ Sokoban
- ◆ Reversi
- ◆ Skunk
- ◆ Vaders
- ◆ Slots
- ◆ Roulette

Take a break! Test your reflexes with Diamonds. Solve strategic puzzles in Sokoban. Transform your HP 48SX/GX into a pocket arcade! Includes software on ROM card and manual. 1-yr warranty  
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### 48SX/GX

- Interactive calendar
- Appointment book
- Notepad
- Phone directory
- Expense accountant
- Time clock
- Report generator

#2323 (Personl Info Mgr, cd) List \$80.....\$59.95

## Calculus Pac for HP 48SX/GX complete with Vector Analysis

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PRESS ANY KEY TO CONTINUE...

- Professionals get handsome, accurate results
- Students get easy, quick help for better grades
- ✓ Functions Library, with curve-fitting routines (even cubic splines), polynomial interpolation, and root-finding (any degree).
- ✓ Integration by left, right, midpoint of rectangles, trapezoids. Simpson's rule.
- ✓ Integral Tables with over 100 entries, plus you can add your own
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- ✓ Symbolic Vectors manipulated with cross and dot products gradient, divergence and curl

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## NAVCOM 48SX/GX Marine Navigation

**AP**  
SYSTEMS



The most advanced celestial computer available—bar none! Over 50 integrated functions to meet your professional or recreational navigation needs. Tested and refined for over 2 years

and 30,000 miles at sea. 128K ROM card does not lose programs even if batteries fail. Completely menu-driven, the interactive personal computer style screen makes NAVCOM simple to use. All Prompts, answers, and help screens are displayed in plain English Piloting Features

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for your HP 48SX/GX

**BRINGSIDE**  
APPLIED SOFTWARE

Just plug this in to transform your 48 into a Business Consultant!

TVM including payments and amortization tables plus interest conversion. Cashflow calculations with NPV IRR —plus plot NPV by IRR and visualize cashflow by profile plot.

Bond calculations for US Treasury Bonds and Notes. Federal Agency instruments, State and Local Governments Option Valuation by Black-Scholes for American and European options.

Probability Distribution including Normal, Student's t, Chi Square, Fischer, Gamma, Binomial, Poisson Multiple Regression Analysis and ANOVA. Also does Currency Conversion and Depreciation (5 methods).

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We guarantee everything we sell.  
You buy it, you keep it.  
If you're not satisfied,  
you get a full refund, no questions asked.

## HP 48SX/GX Application Cards for ME, EE, Gen Chem, Sparcom and Math

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There are two types of these 'Pocket Professional' software cards for each field. **The Applications Pacs are designed for undergraduate students**—each contains hundreds of equations with diagrams, charts and tables, analyses and reference tables in easy-to-use menu-driven format. No need to program, manage units or find constants—the solutions are built in, ready for use in class or lab, office or field.

**The Reference Pacs have thousands of data entries, so you have calculator and handbook combined, with no programming needed!**

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SPARCOM CHEMICAL EQUATION WRITER

$$\text{CH}_4 + 2\text{O}_2 \rightarrow 2\text{H}_2\text{O} + \text{CO}_2$$

PRESS [ENTER] TO RETURN TO LIST ..

## Calculator Bulletin Board System

This is an HP service where users and developers can exchange software and information. It operates at 300/1200/2400 baud, full duplex, no parity, 8 bits, 1 stop bit; the phone number is (503)750-4448. This service is FREE; you pay only the long-distance telephone charge. The HP BBS is the best source for programs.

## Pocket Professional Software for the HP 48SX/GX

**Sparcom** CORPORATION

### Spice48

A self-contained circuit analysis tool used to calculate and view the complete response of linear circuits—you'll describe your circuit easily with a menu-driven browser format. The size of the circuit that you can analyze is determined by available memory, number of circuit elements, and nodes. You can store files in your desktop computer

Spice48 is an adaptation of the work carried out by the CAD group at the University of California. In the past 15 years SPICE has become the standard circuit simulation tool around the world. List \$100 ~~\$79.95~~ #2589 (Spice48, card) ..... ~~\$89.95~~

### Physics Pac

Equation library with over 300 equations in Angular Mechanics, Electricity, Forces/Energy/Work, Gravitation, Linear Mechanics, Magnetism, Optics, Oscillatory Motion, Special Relativity, Waves.

Integral table, Polynomial Solver, and Linear Algebra section are included. You'll quickly access reference data and formulas along with a whole library of constants. List \$100

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### Statistics Pac

All the stats tools students and professionals want close at hand, with Sparcom's easy-to-use interface—Central Tendency, Standard Error, 14 Probability Distributions, Regression Analysis and 5 different plotting functions. 8 kinds of Hypothesis Tests,  $\mu$ ,  $\sigma$  and  $\alpha$ , z,  $z^{1/2}$  and P-values. 7 different Confidence Interval Tests. Move large data sets from PC to calculator and back with automatic translation

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#2960 (Math-Pro, card) List \$110. .... ~~\$99.95~~

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Over 1000 equations, routines and tables for arithmetic, algebra, geometry, trig, hyperbolas, calculus, curve fitting, transforms, quadric surfaces, partial-fractions. Valuable routines like Simpson's rule and the general triangle solution

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Over 1000 equations and analysis routines with reference data—includes Bridge, RL, RC, RLC, AC, Polyphase, OpAmp, and Linear Amplifier Circuits Meters, Resonance, Solid State Devices

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## Structural Engineering Program Card for the HP 48SX/GX

SMI

Aids and tools for your design work—8 user interactive programs and a database (for 415 AISC 9th edn shapes)

Programs analyze beams and columns, column base plates, single-span beams, rigid rectangular spread foundations, cantilever retaining walls, pile groups for rigid pile caps, rectangular concrete beams, rectangular concrete columns

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## Structural Engineering Program Card 2

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for the HP 48SX/GX

**More aids and tools for your design work—** programs analyze section properties, continuous beams, bolt groups, weld groups, sheet piling walls, round concrete columns. Includes structural steel and reinforcing bar data tables plus feet/inch/ fraction/metric conversion utilities

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## Are you an engineer? Are you going to take the EIT or PE Examination?

Use your trusty HP 48 to ace that exam—these ROM cards plug right into your 48 and give you everything you need

You'll study with a Manual that contains all the fundamental/applied equations plus full directions. Then you'll have exam-review problems with calculator-assisted solutions in your Problems and Solutions Book

There are examples of numeric keyboard calculations, built-in functions and start-up solved problems, too.

- ◆ self-contained study units
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- ◆ help with design calculations
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To review for EIT FE Exam get card #3103, for PE/MF Exam use #3104 or PE/EE Exam use #3105 and/or PI-CE Exam use #3411

#3103 (Engineer Fundamentals Rev Card) ....\$99

#3104 (ME Review Card) .....\$99

#3105 (EE Review Card) .....\$99

#3411 (CE Review Card) .....\$99

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## Petroleum Engineering Application Package on ROM card for SX/GX

Petroleum Application Systems

#2998 (Petrol Eng Apps, cd) List \$112....\$99.95



## TDS Survey Pro

*Hot new tool from  
TDS! for the most  
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**THE WAY TO GO**

TDS' most powerful surveying program yet for the HP-48GX. Turns your 48 into a powerful electronic or manual data collector and field computer containing all the functionality of the TDS Survey Card plus a wide range of functions for use in construction layout operations. Requires 128K extra memory (approximately 1500 points). List \$99.95

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## TDS48-GX Survey Card

*TDS' best selling data collector software*

This is the stalwart of TDS' data collection programs. For users who do not need to collect data from a digital level, do not need the Survey Pro's cross section topo by station and offset, and building pad lay out, do not use an alphabetized Pop-Up description table, or define road centerlines with horizontal and vertical alignments, this card is for you. All the curve solutions, all the off center shot options, all the multiple repetition options for Traverse shots. Stake by station and offset from a Point-List which defines the centerline. Or slope stake offsets from the centerline. Use the Direct Record mode for topo without touching the data collector. Also has Direct Function Access Keys. Requires 128K extra memory. List \$595 #2775 [Survey Card for 48GX] .....\$459.95



## TDS Contractor Card

*new tool specifically for construction applications*

This card is designed specifically for contractors and construction workers who don't need the full surveying functionality, but need to layout their construction sites or add to the surveyors' work. List \$750 #3327 [Contractor Card for 48GX] .....\$599

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A full function Coordinate Geometry card. Has Traverse / Sideshot, full curve solutions including horizontal, vertical and straight grade. Triangle solutions, Area, Pre Determined Area, Point Stake, Intersections, Inverse by points, coordinates or line, Resections, Corner Angles, Remote Elevation, Earth Work including Average End Area, and Survey adjustments are all included.

You won't find a more power packed COGO card at this price, anywhere! List \$155.

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## 48 ACE—Advanced COGO powers at your fingertips

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Every feature and function of the 48 BCE and 48 SCE, plus it stores and codes Notes, codes or elevations can be turned off or on any time. Angle adjustment program handles traverse while holding the angles to the side shots constant. Compass rule program adjusts side shots as well as traverse points. Two-point resection. Transfer elevations from benchmarks to instrument. Trig leveling and mean reciprocal leveling. Offset program.

#2982 (48 ACE, card) List \$600.....\$519

## Structural Analysis Card for the HP-48SX/GX



General Beams, Plane Frame, Concrete Column, and Steel Column and Beam Analysis programs.

#2487 [Struct Anal card] List \$125 .....\$109.95

## Coordinate Geometry Enhanced

SMI



*survey  
software cards  
to slide into your  
HP 48GX*

*Save \$\$*

## 48BCE — Basic COGO power, yet affordable and easy-to-use

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## 48SCE—Standard COGO power second to none

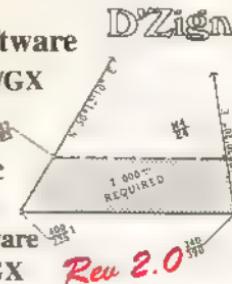
SMI

All features of the 48BCE plus 3D surveying earth curvature and refraction, sunshot with its own ephemeris. Inverse by coordinates or by point number, multiple angles, screen plot and south azimuth Stakeout; COGO functions like perpendicular offset, trig leveling and angle windings.

#2981 (48 SCE, card) List \$300 .....\$259

## Lo-Cost Surveying Software for the HP 48SX/GX

**HP 48 Surveying Pac Complete lo-cost ROM-card software for your SX or GX**



*Rev 2.0*

Remember the HP 41 Survey Pac? This modern program upgrades that 41 classic

Transit Adjustment is omitted here (it's not used much) in favor of Multiple Offsets and Automatic Bearing Recall (which will be real time-savers for you). Plus whole sets of Radial Stakeout programs (with super-fast come-and-go) and Triangle Solutions routines.

#2973 (HP 48 Surveying Pac, card) .....\$145

## Surveying Packet #1 Rev 4.0

Full Coordinate Geometry, including rotation, predetermined areas, intersections and inverse traverse by point numbers for areas. Field layout programs include the best version of our Alignment/Offset programs to date and fast radial inversions. Also has Triangle and Circular Curve solutions and an easy to-use file system.

Leveling Field Book with 3-wire and trig-leveling options is something new to handhelds. Use the calculator as a field book and print out or automatically adjust the level run later.

Comes to you on both 5.25" and 3.5" PC disks—so you'll need a PC and a #F1015A Serial Cable. Requires HP 48GX, or 48SX with 128K RAM Card installed. Includes Manual, transfer software.

#2606 (48 Sur Pack #1, 5.25" & 3.5") .....\$275

## programming aids

### Advanced User's Reference Manual for HP 48G/GX

 HEWLETT PACKARD

Called AUR in your Owner's Manual—has programming examples, covers Commands, Error & Status Messages, Units, Flags, List Processing.  
**#2789, 48G Adv Ref, 745p softbnd.....\$19.95**



### 48 Insights by William Wickes for S/SX or G/GX

*If you do serious  
programming  
on the HP 48,  
this book is for you*

We are in luck, for sure—the world-expert on the HP 48, Dr. Wickes, is also an excellent expositor. He writes clear and complete explanations that you can quickly understand and put right into your own programming.

**#2322, 48 Insights, S/SX, 393p wirebnd..\$25.95  
#3006, 48 Insights, G/GX, 435p sftbnd ...\$25.95**



### An Easy Course in Using & Programming the HP 48G/GX

GRAPEVINE PUBLICATIONS, INC.



Here is an *Easy Course* in true Grapevine style—examples, illustrations, and clear, simple explanations give you a real feel for the machine and how its many features work together.

After the overview comes simple programming—looping, branching, etc. Next, you program with the built-in

applications. Then you design your own applications—directories, custom menus, the works.

**#2929, Easy Pgrmig 48G/GX, 350p sftbnd ....\$19.95**

## The HP 48 Handbook 2nd edn

*The ultimate programmer's how-to and reference book for S/SX/G/GX*  
**by James Donnelly**

If you intend to make your 48 dance and sing, this is for you. It condenses over 1400 pages of HP manuals into a portable collection of concise, convenient tables, tips and facts. More than example programs illustrate the power of the HP 48G/GX with an emphasis on interactive programming and graphics.

**#2900, HP 48 Hndbk , 340p softbnd .....\$19.95  
#2900D (Handbk Pgrms on Disk, 3.5") ..\$12.95**



### An Introduction to HP 48G/GX System RPL & Assembly Language Programming by James Donnelly

*the ultimate insider's guide*

The book comes with a disk containing everything you need to get started and the source code for all the example programs. 240p coilbound + 3.5" disk.  
**#3068, 48 RPL & Assy Lang, .....\$24.95**

## bookware

### HP-48G/GX Investigations in Mathematics

by LaTorre/  
Kreider/Proctor



*shows you how to compute  
and visualize in Calculus,  
Differential Equations,  
Linear Algebra and Vector  
Analysis*

DOS programs require 386 or higher with 4MB RAM, plus Serial Interface Kit to download to HP 48.  
**#3430, Investigs in Math, 636p sftbnd ....\$29.95**

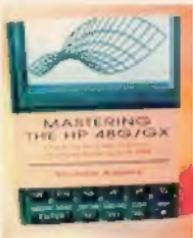
## Mastering the HP 48G/GX

by Thomas Adams

A step-by-step (*really!*), easy-to-read (*really!*) introduction (*really!*) to operating and programming the 48G/GX.

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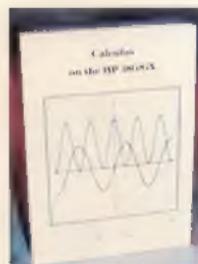
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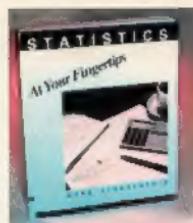
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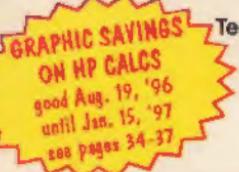
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